

interference  
C1

2000; 09/669,916, filed September 25, 2000; 09/672,948, filed September 29, 2000; 09/672,946, filed September 29, 2000; and 09/672,947, filed September 29, 2000.

**IN THE CLAIMS:**

Please amend claims 25 and 27 as follows.

25. (Amended) A signal receiving apparatus comprising:

a tuner operable to receive a transmission signal containing a digital modulation signal and an analog modulation signal and to select the digital modulation signal using a local oscillation signal;

an interference detector operable to compare the digital modulation signal selected by said tuner with a predetermined pattern in order to detect interference caused by the analog modulation signal;

a notch filter operable to remove a carrier of the analog modulation signal in a same frequency band as a frequency band of the digital modulation signal when the interference is detected by said interference detector, and to pass the digital modulation signal without removing a carrier of the analog modulation signal in a same frequency band as a frequency band of the digital modulation signal when the interference is not detected by said interference detector.

27. (Amended) A signal receiving method comprising:

receiving a transmission signal containing a digital modulation signal and an analog modulation signal and selecting the digital modulation signal using a local oscillation signal;

comparing the selected digital modulation signal with a predetermined pattern in order to detect interference caused by the analog modulation signal;

removing a carrier of the analog modulation signal in a same frequency band as a frequency band of the digital modulation signal when the interference is detected, and passing the digital modulation signal without removing a carrier of the analog modulation signal in a same frequency band as a frequency band of the digital modulation signal when the interference is not detected.